

# United States Patent [19]

## Streit

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## [54] ELECTRIC CONTACT ARRANGEMENT FOR LIQUID CRYSTAL DISPLAY CELLS

[75] Inventor: Peter Streit, Widen, Switzerland

[73] Assignee: U.S. Philips Corporation, New York, N.Y.

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[51] Int. Cl.<sup>4</sup> ..... G02F 1/13

[52] U.S. Cl. .... 350/336; 350/332

[58] Field of Search ..... 350/332, 336

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Primary Examiner—John K. Corbin

Assistant Examiner—Richard F. Gallivan

Attorney, Agent, or Firm—Paul R. Miller

## [57] ABSTRACT

An electric contact arrangement for liquid crystal display cells is disclosed which consists of a multi-point connector having an internal embedded integrated circuit. The contact arrangement contains contacts to a liquid crystal display cell, and external terminals to appropriate circuitry. The contact arrangement can be plugged into the side of the liquid crystal display cell in order to remain outside the display or illumination zone. The embedded integrated circuit is located in the immediate vicinity of the contacts from the liquid crystal cell inserted into the multi-point connector. By this means the electrical losses and outlay on the connections are considerably reduced.

11 Claims, 6 Drawing Figures

